



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RIGHTS

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DATE: July 5, 1996

TO: Walter Donaldson - Regional Supervisor  
Division of Wildlife Resources - NERO

FROM: Robert W. Leake *RWL*  
Regional Engineer

RE: Measuring Device - Crouse Reservoir

During the final inspection last summer there was some concern regarding the proposed placement of the measuring device at Crouse Reservoir. The concern was that the proposed location would not provide enough fall for the flume to read correctly.

During the 1996 spring runoff, we had the opportunity to try to use the measuring device and found that, at a flow of seven cfs, the flume measured 15 cfs. This was a result of a submerged flow condition. The flume needs to be relocated to achieve more fall, or a few hundred feet of channel below the flume needs to be deepened.

pc: Lee Sim - Division of Water Rights - SLO  
Rick Hall - Division of Water Rights - SLO  
Michael McCarrell - Pot Creek Water Commissioner

